



Ø BEAT



COLO. SPRINGS,
COLORADO

MARCH 1981

Repeaters — The Way It Should Be

REPEATER QUIZ

1. The proper way to enter into a QSO on a repeater is to:
 - (a) say "breaker seven-six".
 - (b) Just say, "break".
 - (c) insert your call during a pause.
 - (d) just talk over the other guy; you're at a base station anyway.
2. The main purpose of a repeater is:
 - (a) to keep technical types on their toes.
 - (b) to enhance the range of mobile stations.
 - (c) to provide a soap box for long, one-sided monologs.
 - (d) to allow non-amateur housewives to keep track of their wandering husbands, or anyone else for that matter.
3. One of the most important uses of a repeater is to:
 - (a) provide good mobile-to-mobile communications when driving adjacent to each other on the expressway.
 - (b) enhance the range of base stations located less than three blocks from each other.
 - (c) extend the range of mobile and low-power portable stations.
 - (d) none of the above.
4. You should sign your call letters:
 - (a) any time the spirit moves you.
 - (b) after every other word.
 - (c) at the beginning and end of each transmission.
 - (d) once coming on and once leaving the frequency, and once every 10 minutes.
5. You are required to mention at least one of the call letters of the stations with whom you have been talking:
 - (a) at the beginning and end of each exchange.
 - (b) at the beginning and end of a series of transmissions, and once each 10 minutes during the exchange.
 - (c) only at the end of a series of transmissions, when signing off.
 - (d) none of the above.
6. It is permissible to sign off, "W9MOL signing off":
 - (a) when you can't remember the call(s) of the station(s) with whom you were talking.
 - (b) after making an autopatch call.
 - (c) After calling another station and hearing no response.
 - (d) none of the above.
7. Repeaters:
 - (a) don't cost anything to operate as everything is donated.
 - (b) cost a bundle, but are paid for by a small group of wealthy amateurs and supporters.
 - (c) cost a bundle and are financed by club members dues and contributions.
 - (d) shouldn't expect any donations from users since the air-waves are free.
8. When you talk to a regular user of the repeater who is not a member of the club or a financial supporter, you should:
 - (a) tell them they are deadbeats and refuse to talk to them.
 - (b) notify the control operator to turn off the repeater.
 - (c) try to find out if they understand how the club/repeater operates and invite them to participate.
 - (d) try to embarrass them into paying or leaving.

Reprinted from World Radio, Feb. 1981

Adapted by Lee Knirko, W9MOL, from ADC Associates Newsletter, K8UCH, British Columbia FM Communications Assn. and probably many other sources.

(continued on page 3)

P.P.R.A.A. DIRECTORS

PRESIDENT	Dave Vierling NØDV 2511 N. Tejon 80907	473-0293
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(* Two-year board terms began October 1980)

ZERO BEAT is published monthly in the interest of the members of the Pikes Peak Radio Amateur Association, Inc., Colorado Springs, Colorado. Permission is given to reprint articles or excerpts provided credit is given. Deadline for submission of articles is the 21st of the month. Classifieds accepted anytime.

The Pikes Peak Radio Amateur Association meets on the second Wednesday of each month at Sabin Jr. High School, 3605 N. Carefree Circle at 7:30 p.m. and all amateurs and interested parties are invited to attend.

Editor: Don Lohse KBØKQ, 1410 E. LaSalle, Colorado Springs, CO 80907 635-7469

PIKES PEAK RADIO AMATEUR RADIO ASSOC. FEBRUARY MINUTES 1981

The February meeting of the Pikes Peak Radio Amateur Association was called to order by President Dave Vierling, (NØDV) at 7:30 P.M. February 11, 1981. The place was Sabin Jr. High. The 56 members and visitors introduced themselves and briefly told about their ham activities.

The program for February was a talk by A.R.R.L. first Vice President Carl Smith (WØBWJ). Carl did a terrific job of filling us in on ARRL and FCC activities. Thank you Carl!

Dave Acree (WØMBZ) told us that we have official permission to use the same building as last year for our April 12th SWAP FEST. We do, however, need to come up with people to direct parking. Warren Rubin (WBØSJR) volunteered to handle communications at the SWAP FEST; thanks Warren!

Dave Vierling says we need to get moving on acquiring baked goods to sell at the SWAP FEST.

Carl Smith donated an A.R.R.L. lapel pin to the club which was promptly presented to Irvin Ebel (WØKWW); Irvin has been a licensed Amateur since August 1932 and that was longer than anyone else present. Keep up the good work Irvin!

Oak (KØROL) announced that CCARC (Colorado Council of Amateur Radio Clubs) is ten years old this year. Oak also told us about the new CCARC directories and explained why the price was increased from \$3.00 to \$4.00. Sure is a fine book!

Dave Vierling announced that the club has been asked to handle communications for the Woodland Park Enduro again this year.

Biz (WDØHCO) announced that club members will handle communications for the March 13-14 Sweet Adelines convention. As of this writing, he still needs one or two volunteers.

The club received two certificates of appreciation this month. One from the directors of The Colorado Springs "Spring Spree", and one from the "Steam Rollers" basketball team.

In completion, if I may, a correction to last months Ø Beat minutes. The last sentence of the minutes should read: If not, Leroy Smith, (WBØLTV), will present all the facts on station grounding. — — — I tried to lay the error on my typist, then on the printer, but alas, it looks like my error — sorry!

Respectfully,
Bill, KFØW

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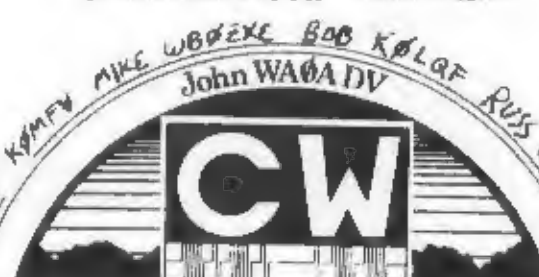
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Colorado Council of Amateur Radio Clubs

On October 24, 1970, the first quarterly meeting of CCARC was held in Denver, Colorado. On October 19, 1974, the Council became incorporated as a Non-Profit Corporation.

The purpose of CCARC is to coordinate Amateur Radio clubs' activities in the state and is made up of current member clubs within Colorado.

The Council provides several standing committees which include a Repeater Advisory; Legal and Regulatory; Contest and Awards; Colorado Ham Directory; and Special committees as needed.

The current CCARC Executive Committee is made up by the following people:

Larry E. Steimel, WØACD, Chairman
Oak Stockton, KØROL, Vice-Chairman
Darla P. Richardson, WBØDUV, Corresponding Sec./Treas.
Ollie M. Shriner, WAØWAD, Recording Secretary

For more information:

Darla P. Richardson, WBØDUV
1184 West 101st. Avenue
Northglenn, Colorado 80221

SWAPFEST

The annual PPRAA Swapfest is on for April 12, 1981. Location will be the same as last year, Hangar #8 at Peterson Air Force Base. We are planning another great time for all with prizes, food and hopefully lots of great deals. Watch the next issue of Zero Beat for further information on prizes, talk-in frequencies, etc. Start taking inventory in your shack now — then come and join us for a good time. See you there!!

de the President

Thanks to Carl Smith, WØBWJ, for a very interesting and informative program at February's meeting. Its nice to know that we are being represented at league by such well informed & dedicated people. Perhaps we can have Carl back again. Carl has pledged his continuing support of our activities and help with local problems. Let's keep him informed of our desires.

The March meeting also promises an interesting program by Dave Gieskieng, WØFK, on the "DL" antenna. Dave's claims for this antenna are quite impressive and he has a slide show and other supporting data for its performance. The Pueblo Ham Club has also been invited to attend our meeting so we should have a good, large group. See you all there.

As I mentioned last Zero Beat, spring is about here and we will be asked to help with communications for various events. Well, those requests are starting to come in, Walk for Mankind, Spring Spree, Outhouse Races, etc. If possible, try to get involved in some of these events. If you are a novice, you can still be of assistance in some way to help man a station on take down information. I think it will give you a real good lesson in what ham radio is about and some impetus to upgrade. We are starting to become much depended upon for our communications skills. Let's not let down on these important community services!

C.C.A.R.C. has produced a super Colorado Call Book and PPRAA has a supply to sell. One dollar of each purchase goes directly into the club treasury so if you are planning to get one, do it through the club. They will be available at meetings and at Saturday breakfast. \$4.00 each. As they say in the commercials, "not available in any store, act now."

Swap Fest is set for April 12th at Peterson A.F. Base barring any last minute Air Force plans. Warren, WBØSJR, needs help with 2M communications & parking duty during the day. If you would please contact him we can get enough volunteers to make your tour short so you won't miss any good deals inside. Thanks.

With Spring also comes super openings on the DX bands. Why not warm up the old rig and work a few rare ones. On 10M it might be your last good chance for a while and next time Mr. Sun co-operates with conditions this good, you might not have any more tubes to warm up! Why not give those heaters a good work out? See you then.

73 —
Dave

Repeaters (cont.)

Additional Comments: No. 1 — Great idea in theory but quite another in practice. It would be most appreciated if those operators engaged in a QSO would pause *long enough* for someone to follow the correct procedure!

Answers to Repeater Quiz: 1. c, 2. b, 3. c, 4. d, 5. c, 6. d, 7. c, 8. c.

FOR SALE Drake — TR/DR 7, power supply, speaker, MN 4 matcher, Heath dry load/watt meter, Hygain 18 AVT/WB, Hygain mobile antenna with 10/20 meter coils, bumper mount, Drake TR/DR 7 mobile mount (never installed), reel type dipole w/coax and bag. As set only. \$2000/offer. Paul Thomas WDØCGN, 597-0596 after 6:00.

FOR SALE — TA 33 beam, heavy duty CDE rotor, 60 foot Rohn crank up tower, Standard 146 HT w/synthesizer. Best offer. Frank NØBOV, 472-6150.

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NOTICE TO MEMBERS

If you have not renewed your membership in PPRAA, this will be the last issue of Zero Beat you will receive. An organization functions only with the support of its members, and we are no exception. If you've just forgotten to renew, take a few minutes and fill out the renewal form on page 5. We need your support. If you are a new ham, old ham who has been inactive, or just an interested person, we encourage you to join PPRAA and take part in the activities and continued development of one of the best amateur organizations in the country.

FIELD DAY — JUNE 27 & 28
THINK ABOUT IT!

PUBLIC SERVICE

Just to keep you all up to date, we have been requested to provide public service communications for several projects this Spring. The Sweet Adelines convention, the Walk for Mankind, Black Forest Outhouse Race, Springspree, and in all probability, the GT 10 Mile Run. Biz W09HCO, is doing a fine job of keeping track of things, and if you want to help on any or all of these projects, get your name to Biz. These events are a lot of fun to work at, and places on the communications teams go quickly, so don't delay, volunteer today!

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ARTICLE SOLICITATION

Zero Beat is in need of articles. After a sudden burst, one issue, the in-basket is empty again. So many of you have so much that you could contribute to this paper. Please sit down for a few minutes and finish up that article that has been half done for a year. It doesn't have to be long, it doesn't have to be professional — just share with us.



Zero Beat editor without
your help.

BAKE SALE

HELP! Let's get an early start and have a fine bake sale at the Swap Fest April 12 at Peterson Air Force Base. If you will be willing to donate baked goods — cakes, cookies, pies, whatever — please call Charleen Colvin at 598-7704 after 5 P.M. Thanks for your help.

FEBRUARY BOARD MINUTES

The board met February 16, 1981 at the home of Doug Moloney, WBØMHP at 3817 Vaquero Circle at 7:30 P.M. Those present were Dave, NØDV; Les, WDØGTA; Bill, KFØW; Doug, WBØMHP; Don, KBØKQ; Ray, AAØL; Al, ADØZ; Biz, WDØHCO; and Charleen, WBØYOB.

Biz was congratulated on his fine job in getting publicity into the newspapers. He also volunteered to be our representative at the Spring Spree meeting. He is also coordinating the communications for the Sweet Adelines March 13 and 14.

It was also noted that Carl Smith, WØBWJ, presented a most interesting program. He did an excellent job handling all questions posed by the audience.

Al, ADØZ, gave the board a request for help at the Black Forest Outhouse Race Saturday, May 9. They will need more assistance from hams this year. Biz will help get people lined up for this event.

Since we have so many new members and guests at meetings it was felt one of our delegates to CCARC should present a program to acquaint all with the purpose and reason for having such an organization.

Bill reported that Marilyn, KAØGIT, will assist him in getting the necessary paper work done on the tax forms for obtaining federal identification number.

We need a chairman to organize the field day. A few people have been contacted. Let's pitch in and make this another fine event.

Swap Fest will be April 12 in the same hanger as last year. An Explorer Post will be contacted as possible attendants for the parking lot at Swap Fest. Warren, WBØSJR will talk people in for the Swap Fest. The Pikes Peak FM Association will be in charge of the food. Charleen, WBØYOB, will start contacting members and XYLs for bake goods for the bake sale. If you would be willing to furnish something for the bake sale, please contact Charleen at 598-7704 after 5 P.M.

Ø Beat needs more articles. Please keep those interesting items and ads coming to Don KBØKQ.

There being no further business the meeting was adjourned

and delicious refreshments and coffee furnished by Cheri Moloney were enjoyed by all. The next board meeting will March 16 at Bill Allen's home at 1341 Doyle Pl. at 7:30 P.M.

Respectfully submitted,
Charleen, WBØYOB



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MEETING NOTICE

The March meeting of the Pikes Peak Radio Amateur Association will be held on March 11 at 7:30 p.m. at Sabin Jr. High School. The program will be on the "DL" antenna ad will be conducted by Dave Gelsking WØFK. The Pueblo Ham Club has been invited to attend the meeting and share the program. All members of both clubs are invited and any other interested person are also cordially invited.

ADVERTISING NOTICE

Zero Beat will gladly run any classified ad submitted. However, classifieds will run for one month on, unless the advertiser notifies Zero Beat to continue the ad. If more than one item is listed, please keep us informed as to what sold, so that the ads are accurate. Commercial advertisers are welcome to change or update their ads whenever necessary. The ads in Zero Beat are useful to our readers, let's keep them up to date and accurate.



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